

ABSTRACT

Quinolylpropylpiperidine derivatives of general formula (I) in which:

- 5 R_1 is NH_2 , alkylamino, dialkylamino, hydroxyamino, alkyl(alkyloxy)amino or alkyloxyamino,
 R_2 is a carboxyl, carboxymethyl or hydroxymethyl radical,
 R_3 is alkyl (1 to 6C) substituted by phenylthio which can itself carry 1 to 3 substituents
 selected from halogen, OH, alkyl, alkyloxy, CF_3 , OCF_3 , $COOH$, alkyloxycarbonyl, CN and
 10 NH_2 , by cycloalkylthio (3 to 7 members) or by heteroarylthio (5 to 6 members) comprising 1
 to 4 heteroatoms selected from N, S and O and optionally itself substituted [by halogen, OH,
 alkyl, alkyloxy, CF_3 , OCF_3 , $=O$, $COOH$, alkyloxycarbonyl, CN or NH_2] or R_3 is propargyl
 substituted by phenyl which can itself carry 1 to 3 substituents selected from halogen, OH,
 alkyl, alkyloxy, CF_3 , OCF_3 , $COOH$, alkyloxycarbonyl, CN and NH_2 or substituted by
 cycloalkyl comprising 3 to 7 members or substituted by 5- to 6-membered heteroaryl
 15 comprising 1 to 4 heteroatoms chosen from N, O or S and optionally itself substituted by
 halogen, OH, alkyl, alkyloxy, CF_3 , OCF_3 , $=O$, $COOH$, alkyloxycarbonyl, CN or NH_2 , and
 R_4 is alkyl (1 to 6C), alkenyl- CH_2 -, alkynyl- CH_2 - (3 to 7C), cycloalkyl or (cycloalkyl)alkyl,
 in their diastereoisomeric forms or their mixtures, and their pharmaceutically acceptable salts.
- 20 These novel derivatives are particularly advantageous antimicrobial agents.

